

AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Wei Pan, Jer-shen Maa, David Evans and Sheng Teng Hsu				Docket No. SLA0493	
Serial No 09/820,068	Filing Date March 28, 2001	Examiner Michael K. Luhrs	Group Art Unit 2824		
Invention: Method of Barrier Metal Surface Treatment Prior to Cu Deposition to Improve Adhesion and Trench Filling Characteristics					
<u>TO THE COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above identified application. The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER OF EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	13 -	20 =	0	x \$18.00	\$0.00
INDEP. CLAIMS	3 -	3 =	0	x \$84.00	\$0.00
Multiple Dependent Claims (check if applicable) _____					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

☒ No additional fee is required for amendment.

_____ Please charge Deposit Account No. 19-1457 in the amount of \$0.00.

_____ A duplicate copy of this sheet is enclosed.

_____ A check in the amount of _____ to cover the filing fee is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-1457.

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☒ Any additional fees required under 37 C.F.R. 1.16.

☒ Any patent application processing fees under 37 C.F.R. 1.17.

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 David C. Ripma, Reg. No. 27,672

Dated: **OCTOBER 1, 2002**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office under 37 C.F.R. §1.8 at Fax No. (703) 872-9318 on October 1, 2002.

 David C. Ripma, Reg. No. 27,672

Note: Each paper must have its own certificate or transmission, or this certificate must identify each submitted paper. The papers submitted include:

<input checked="" type="checkbox"/> This Amendment Transmittal Letter (Duplicate Attached)	2 page(s)
<input checked="" type="checkbox"/> Response under 37 CFR § 1.111	4 page(s)
<input checked="" type="checkbox"/> Attachments	page(s)
_____ Petition for Extension of Time under 37 C.F.R. § 1.136	page

Total pages, including this Transmittal: 6

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10/16/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	PATENT APPLICATION
)	
Inventors: Wei Pan,)	October 1, 2002
Jer-shen Maa,)	
David R. Evans,)	
Sheng Teng Hsu)	
)	Attorney Docket No.
Serial No.: 09/820,068)	SLA0493
)	
Filed: March 28, 2001)	
)	Group Art Unit 2824
Title: METHOD OF BARRIER)	
METAL SURFACE)	Examiner: Luhrs, M.
TREATMENT PRIOR)	
TO Cu DEPOSITION)	
TO IMPROVE ADHESION)	
AND TRENCH FILLING)	
CHARACTERISTICS)	
)	

RESPONSE UNDER 37 C.F.R. § 1.111

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Hon. Commissioner for Patents
Washington, D.C. 20231

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Sir:

In response to the Office Action dated September 5,
2002, Applicant submits the following response:

A clean copy of the changes made to the application are
shown on the following sheet(s), and a marked-up version,
showing the changes made, is being submitted as Appendix A to